

L Number	Hits	Search Text	DB	Time stamp
1	1704	514/25	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:48
2	1463	514/25 and composition	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:48
3	1120	(514/25 and composition) and derivat\$	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:49
4	544	((514/25 and composition) and derivat\$) and (trehalose or lactose)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:49
6	421	((514/25 and composition) and derivat\$) and (trehalose or lactose)) and (butyrate or acetate)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:50
7	155	((514/25 and composition) and derivat\$) and (trehalose or lactose)) and (butyrate or acetate)) and glass	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:50
8	44	((514/25 and composition) and derivat\$) and (trehalose or lactose)) and (butyrate or acetate)) and glass) and matrix	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:52
9	1087	514/178	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:52
10	833	514/178 and composition	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:52
11	658	(514/178 and composition) and (carbohydrate or derivat\$)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:53
12	270	((514/178 and composition) and (carbohydrate or derivat\$)) and (trehalose or lactose)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:53
13	70	((514/178 and composition) and (carbohydrate or derivat\$)) and (trehalose or lactose)) and glass	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:54
14	58	((514/178 and composition) and (carbohydrate or derivat\$)) and (trehalose or lactose)) and glass) and (solid or delivery)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:56
15	58	((514/178 and composition) and (carbohydrate or derivat\$)) and (trehalose or lactose)) and glass) and (solid or delivery)) and (form or lozenge or film or needle or \$fiber or \$sphere or powder)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:59
16	676	536/1.11	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:59
17	434	536/1.11 and composition	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:59
18	357	(536/1.11 and composition) and (carbohydrate or derivat\$)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 15:59

19	142	((536/1.11 and composition) and (carbohydrate or derivat\$)) and (trehalose or lactose)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:00
20	51	((536/1.11 and composition) and (carbohydrate or derivat\$)) and (trehalose or lactose)) and glass	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:01
21	111	(536/1.11 and composition) and disaccharide	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:01
22	64	((536/1.11 and composition) and disaccharide) and (trehalose or lactose)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:01
23	57	((536/1.11 and composition) and disaccharide) and (trehalose or lactose)) and (solid or delivery or matrix)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:03
24	48	((536/1.11 and composition) and disaccharide) and (trehalose or lactose)) and (solid or delivery or matrix)) and (lozenge or film or powder or tablet or \$fiber or \$sphere)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:05
25	0	((536/1.11 and composition) and (carbohydrate or derivat\$)) and (sucrose NEAR acetyl)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:06
26	303	((536/1.11 and composition) and (carbohydrate or derivat\$)) and (sugar or esters)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:07
27	86	((536/1.11 and composition) and (carbohydrate or derivat\$)) and (sugar or esters)) and acyl	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:09
28	1720	536/4.1	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:09
29	1165	536/4.1 and composition	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:09
30	1083	(536/4.1 and composition) and (sugar or carbohydrate or derivat\$)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:09
31	502	((536/4.1 and composition) and (sugar or carbohydrate or derivat\$)) and (trehalose or lactose)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:10
32	170	((536/4.1 and composition) and (sugar or carbohydrate or derivat\$)) and (trehalose or lactose)) and glass	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:11
33	164	((536/4.1 and composition) and (sugar or carbohydrate or derivat\$)) and (trehalose or lactose)) and glass) and (pharmaceutical\$ or active or substance or chemical)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:11
34	117	((536/4.1 and composition) and (sugar or carbohydrate or derivat\$)) and (trehalose or lactose)) and glass) and (pharmaceutical\$ or active or substance or chemical)) and (lipids or proteins or nucleic or peptide or hormone or cytokine)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:12

35	112	((((((536/4.1 and composition) and (sugar or carbohydrate or derivat\$)) and (trehalose or lactose)) and glass) and (pharmaceutical\$ or active or substance or chemical)) and (lipids or proteins or nucleic or peptide or hormone or cytokine)) and (matrix or solid or delivery)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:13
36	105	((((((536/4.1 and composition) and (sugar or carbohydrate or derivat\$)) and (trehalose or lactose)) and glass) and (pharmaceutical\$ or active or substance or chemical)) and (lipids or proteins or nucleic or peptide or hormone or cytokine)) and (matrix or solid or delivery)) and (lozenge or tablet or powder or film or \$sphere or \$fiber)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/30 16:14

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NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation

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=> file chemistry, polymers

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=> s composition

27 FILES SEARCHED...

50 FILES SEARCHED...

L1 6765635 COMPOSITION

=> s l1 and (carbohydrate or saccharide or sugar or derivat?)

23 FILES SEARCHED...

35 FILES SEARCHED...

51 FILES SEARCHED...

L2 744590 L1 AND (CARBOHYDRATE OR SACCHARIDE OR SUGAR OR DERIVAT?)

=> s l2 and (active(w)substance or active(w)chemical or active(w)ingredient)

13 FILES SEARCHED...

28 FILES SEARCHED...

37 FILES SEARCHED...

51 FILES SEARCHED...

L3 95469 L2 AND (ACTIVE(W) SUBSTANCE OR ACTIVE(W) CHEMICAL OR ACTIVE(W) INGREDIENT)

=> s l3 and (solid9w)matrix or glass)

MISSING OPERATOR SOLID9W)MATRIX

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l3 and (solid(w)matrix or glass)

21 FILES SEARCHED...

36 FILES SEARCHED...

51 FILES SEARCHED...

L4 27106 L3 AND (SOLID(W) MATRIX OR GLASS)

=> s l4 and (enzyme or hormone or factor or antibod? or interferon or interleukin
or cytokine)

13 FILES SEARCHED...

27 FILES SEARCHED...

36 FILES SEARCHED...

51 FILES SEARCHED...

L5 20019 L4 AND (ENZYME OR HORMONE OR FACTOR OR ANTIBOD? OR INTERFERON
OR INTERLEUKIN OR CYTOKINE)

=> s l5 and (lipid or protein or peptide or nucleic)

17 FILES SEARCHED...

30 FILES SEARCHED...

46 FILES SEARCHED...

51 FILES SEARCHED...

L6 15517 L5 AND (LIPID OR PROTEIN OR PEPTIDE OR NUCLEIC)

=> s l6 and (lozenge or tablet or sphere or fiber or needle or particle or powder
or film)


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17 FILES SEARCHED...
25 FILES SEARCHED...
35 FILES SEARCHED...
47 FILES SEARCHED...
52 FILES SEARCHED...
L7      14946 L6 AND (LOZENGE OR TABLET OR SPHERE OR FIBER OR NEEDLE OR
        PARTICLE OR POWDER OR FILM)

=> s l7 and (trehalose or lactose or sucrose or cellobiose)
31 FILES SEARCHED...
L8      11563 L7 AND (TREHALOSE OR LACTOSE OR SUCROSE OR CELLOBIOSE)

=> s l8 and (pivalate or dimethylbutyrate or isobutyrate)
39 FILES SEARCHED...
L9      747 L8 AND (PIVALATE OR DIMETHYLBUTYRATE OR ISOBUTYRATE)

=> s l9 and (melt or quench?)
36 FILES SEARCHED...
L10     553 L9 AND (MELT OR QUENCH?)

=> s l10 and (releas?(w)chemical or releas?(W)substance or releas?(w)ingredient)
17 FILES SEARCHED...
35 FILES SEARCHED...
46 FILES SEARCHED...
L11     9 L10 AND (RELEAS?(W) CHEMICAL OR RELEAS?(W) SUBSTANCE OR RELEAS?
        (W) INGREDIENT)

=> dis l11 1-9 bib abs

L11     ANSWER 1 OF 9  USPATFULL
AN      2003:112971  USPATFULL
TI      Nucleic acids, proteins, and antibodies
IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES
        Ruben, Steven M., Olney, MD, UNITED STATES
        Barash, Steven C., Rockville, MD, UNITED STATES
PA      Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation)
PI      US 2003077704      A1      20030424
AI      US 2002-74095      A1      20020214 (10)
RLI     Continuation of Ser. No. US 2001-764860, filed on 17 Jan 2001, ABANDONED
PRAI    US 2000-179065P      20000131 (60)
        US 2000-180628P      20000204 (60)
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US 2000-233064P	20000914 (60)
US 2000-233063P	20000914 (60)
US 2000-232397P	20000914 (60)
US 2000-232399P	20000914 (60)
US 2000-232401P	20000914 (60)

US 2000-241808P	20001020 (60)
US 2000-241826P	20001020 (60)
US 2000-241786P	20001020 (60)
US 2000-241221P	20001020 (60)
US 2000-246475P	20001108 (60)
US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
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US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
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US 2000-249209P	20001117 (60)
US 2000-246527P	20001108 (60)
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US 2000-246524P	20001108 (60)
US 2000-246478P	20001108 (60)
US 2000-246609P	20001108 (60)
US 2000-246613P	20001108 (60)
US 2000-249300P	20001117 (60)
US 2000-249265P	20001117 (60)
US 2000-246610P	20001108 (60)
US 2000-246611P	20001108 (60)
US 2000-230437P	20000906 (60)
US 2000-251990P	20001208 (60)
US 2000-251988P	20001205 (60)
US 2000-251030P	20001205 (60)
US 2000-251479P	20001206 (60)
US 2000-256719P	20001205 (60)
US 2000-250160P	20001201 (60)
US 2000-251989P	20001208 (60)
US 2000-250391P	20001201 (60)
US 2000-254097P	20001211 (60)
US 2000-231968P	20000912 (60)
US 2000-226279P	20000818 (60)
US 2000-186350P	20000302 (60)
US 2000-184664P	20000224 (60)
US 2000-189874P	20000316 (60)
US 2000-198123P	20000418 (60)
US 2000-227009P	20000823 (60)
US 2000-235484P	20000926 (60)
US 2000-190076P	20000317 (60)
US 2000-209467P	20000607 (60)
US 2000-205515P	20000519 (60)
US 2001-259678P	20010105 (60)

DT Utility

FS APPLICATION

LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 21987

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel respiratory system related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "respiratory system antigens," and the use of such respiratory system antigens for detecting disorders of the respiratory system, particularly the presence of cancer of respiratory system tissues and cancer metastases. More specifically, isolated respiratory system associated **nucleic acid** molecules are provided encoding novel respiratory system associated polypeptides. Novel respiratory system polypeptides and **antibodies** that bind

to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human respiratory system associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the respiratory system, including cancer of respiratory system tissues, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or **compositions** for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 2 OF 9 USPATFULL

AN 2003:78448 USPATFULL

TI **Nucleic acids, proteins and antibodies**

IN Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

Barash, Steven C., Rockville, MD, UNITED STATES

PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

PI US 2003054368 A1 20030320

AI US 2002-79854 A1 20020222 (10)

RLI Continuation of Ser. No. US 2001-764878, filed on 17 Jan 2001, PENDING

PRAI US 2000-179065P 20000131 (60)

US 2000-180628P 20000204 (60)

US 2000-214886P 20000628 (60)

US 2000-217487P 20000711 (60)

US 2000-225758P 20000814 (60)

US 2000-220963P 20000726 (60)

US 2000-217496P 20000711 (60)

US 2000-225447P 20000814 (60)

US 2000-218290P 20000714 (60)

US 2000-225757P 20000814 (60)

US 2000-226868P 20000822 (60)

US 2000-216647P 20000707 (60)

US 2000-225267P 20000814 (60)

US 2000-216880P 20000707 (60)

US 2000-225270P 20000814 (60)

US 2000-251869P 20001208 (60)

US 2000-235834P 20000927 (60)

US 2000-234274P 20000921 (60)

US 2000-234223P 20000921 (60)

US 2000-228924P 20000830 (60)

US 2000-224518P 20000814 (60)

US 2000-236369P 20000929 (60)

US 2000-224519P 20000814 (60)

US 2000-220964P 20000726 (60)

US 2000-241809P 20001020 (60)

US 2000-249299P 20001117 (60)

US 2000-236327P 20000929 (60)

US 2000-241785P 20001020 (60)

US 2000-244617P 20001101 (60)

US 2000-225268P 20000814 (60)

US 2000-236368P 20000929 (60)

US 2000-251856P 20001208 (60)

US 2000-251868P 20001208 (60)

US 2000-229344P 20000901 (60)

US 2000-234997P 20000925 (60)

US 2000-229343P 20000901 (60)

US 2000-229345P 20000901 (60)

US 2000-229287P 20000901 (60)

US 2000-229513P	20000905 (60)
US 2000-231413P	20000908 (60)
US 2000-229509P	20000905 (60)
US 2000-236367P	20000929 (60)
US 2000-237039P	20001002 (60)
US 2000-237038P	20001002 (60)
US 2000-236370P	20000929 (60)
US 2000-236802P	20001002 (60)
US 2000-237037P	20001002 (60)
US 2000-237040P	20001002 (60)
US 2000-240960P	20001020 (60)
US 2000-239935P	20001013 (60)
US 2000-239937P	20001013 (60)
US 2000-241787P	20001020 (60)
US 2000-246474P	20001108 (60)
US 2000-246532P	20001108 (60)
US 2000-249216P	20001117 (60)
US 2000-249210P	20001117 (60)
US 2000-226681P	20000822 (60)
US 2000-225759P	20000814 (60)
US 2000-225213P	20000814 (60)
US 2000-227182P	20000822 (60)
US 2000-225214P	20000814 (60)
US 2000-235836P	20000927 (60)
US 2000-230438P	20000906 (60)
US 2000-215135P	20000630 (60)
US 2000-225266P	20000814 (60)
US 2000-249218P	20001117 (60)
US 2000-249208P	20001117 (60)
US 2000-249213P	20001117 (60)
US 2000-249212P	20001117 (60)
US 2000-249207P	20001117 (60)
US 2000-249245P	20001117 (60)
US 2000-249244P	20001117 (60)
US 2000-249217P	20001117 (60)
US 2000-249211P	20001117 (60)
US 2000-249215P	20001117 (60)
US 2000-249264P	20001117 (60)
US 2000-249214P	20001117 (60)
US 2000-249297P	20001117 (60)
US 2000-232400P	20000914 (60)
US 2000-231242P	20000908 (60)
US 2000-232081P	20000908 (60)
US 2000-232080P	20000908 (60)
US 2000-231414P	20000908 (60)
US 2000-231244P	20000908 (60)
US 2000-233064P	20000914 (60)
US 2000-233063P	20000914 (60)
US 2000-232397P	20000914 (60)
US 2000-232399P	20000914 (60)
US 2000-232401P	20000914 (60)
US 2000-241808P	20001020 (60)
US 2000-241826P	20001020 (60)
US 2000-241786P	20001020 (60)
US 2000-241221P	20001020 (60)
US 2000-246475P	20001108 (60)
US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
US 2000-232398P	20000914 (60)
US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
US 2000-246528P	20001108 (60)
US 2000-246525P	20001108 (60)
US 2000-246476P	20001108 (60)

US 2000-246526P	20001108 (60)
US 2000-249209P	20001117 (60)
US 2000-246527P	20001108 (60)
US 2000-246523P	20001108 (60)
US 2000-246524P	20001108 (60)
US 2000-246478P	20001108 (60)
US 2000-246609P	20001108 (60)
US 2000-246613P	20001108 (60)
US 2000-249300P	20001117 (60)
US 2000-249265P	20001117 (60)
US 2000-246610P	20001108 (60)
US 2000-246611P	20001108 (60)
US 2000-230437P	20000906 (60)
US 2000-251990P	20001208 (60)
US 2000-251988P	20001205 (60)
US 2000-251030P	20001205 (60)
US 2000-251479P	20001206 (60)
US 2000-256719P	20001205 (60)
US 2000-250160P	20001201 (60)
US 2000-251989P	20001208 (60)
US 2000-250391P	20001201 (60)
US 2000-254097P	20001211 (60)
US 2000-231968P	20000912 (60)
US 2000-226279P	20000818 (60)
US 2000-186350P	20000302 (60)
US 2000-184664P	20000224 (60)
US 2000-189874P	20000316 (60)
US 2000-198123P	20000418 (60)
US 2000-227009P	20000823 (60)
US 2000-235484P	20000926 (60)
US 2000-190076P	20000317 (60)
US 2000-209467P	20000607 (60)
US 2000-205515P	20000519 (60)
US 2001-259678P	20010105 (60)

DT Utility

FS APPLICATION

LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 19483

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel lung related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "lung antigens," and the use of such lung antigens for detecting disorders of the lung, particularly the presence of lung cancer and lung cancer metastases. More specifically, isolated lung associated **nucleic** acid molecules are provided encoding novel lung associated polypeptides. Novel lung polypeptides and **antibodies** that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human lung associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the lung, including lung cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or **compositions** for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2002:266257 USPATFULL
TI Compounds for targeting endothelial cells, **compositions**
containing the same and methods for their use
IN Von Wronski, Mathew A., Moorestown, NJ, UNITED STATES
Marinelli, Edmund R., Lawrenceville, NJ, UNITED STATES
Nunn, Adrian D., Lambertville, NJ, UNITED STATES
Pillai, Radhakrishna, Cranbury, NJ, UNITED STATES
Ramalingam, Kondareddiar, Dayton, NJ, UNITED STATES
Tweedle, Michael F., Princeton, NJ, UNITED STATES
Linder, Karen, Kingston, NJ, UNITED STATES
Nanjappa, Palaniappa, Dayton, NJ, UNITED STATES
Raju, Natarajan, Kendall Park, NJ, UNITED STATES
PI US 2002147136 A1 20021010
AI US 2001-871974 A1 20010604 (9)
RLI Continuation-in-part of Ser. No. US 2000-585364, filed on 2 Jun 2000,
PENDING
DT Utility
FS APPLICATION
LREP NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA,
22201-4714
CLMN Number of Claims: 65
ECL Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 5017
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention provides compounds for targeting endothelial
cells, tumor cells or other cells that express the NP-1 receptor,
compositions containing the same and methods for their use.
Additionally, the present invention includes diagnostic, therapeutic and
radiotherapeutic **compositions** useful for visualization,
therapy or radiotherapy.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 4 OF 9 USPATFULL
AN 2002:230945 USPATFULL
TI Laundry/dishwasher detergent portion
IN Holderbaum, Thomas, Monheim, GERMANY, FEDERAL REPUBLIC OF
Richter, Bernd, Leichlingen, GERMANY, FEDERAL REPUBLIC OF
Nitsch, Christian, Duesseldorf, GERMANY, FEDERAL REPUBLIC OF
Haerer, Juergen, Duesseldorf, GERMANY, FEDERAL REPUBLIC OF
PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, GERMANY, FEDERAL
REPUBLIC OF (non-U.S. corporation)
PI US 6448212 B1 20020910
AI US 2000-611858 20000707 (9)
PRAI DE 1999-19932205 19990709
DT Utility
FS GRANTED
EXNAM Primary Examiner: Boyer, Charles
LREP Harper, Stephen D., Murphy, Glenn E. J.
CLMN Number of Claims: 61
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 2475
AB The invention relates to a laundry/dishwasher detergent portion, more
particularly for use in a washing/dishwashing machine for a program
taking place in an aqueous phase, containing

(a) a first measured quantity of a washing preparation which passes into
the aqueous phase at a temperature below or equal to a first
temperature;

(b) a second measured quantity of a washing preparation which passes
into the aqueous phase at a temperature below or equal to a second

temperature which is above the first temperature;

(c) at least one material which surrounds at least one of the measured quantities of a washing preparation and which dissolves in water at a certain temperature. The invention also relates to a process for the production of such a laundry/dishwasher detergent portion and to a washing process and a cleaning process using the laundry/dishwasher detergent portion.

L11 ANSWER 5 OF 9 USPATFULL

AN 2002:179163 USPATFULL

TI **Nucleic acids, proteins, and antibodies**

IN Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

Barash, Steven C., Rockville, MD, UNITED STATES

PI US 2002094953 A1 20020718

AI US 2001-764860 A1 20010117 (9)

PRAI US 2000-179065P 20000131 (60)

US 2000-180628P 20000204 (60)

US 2000-214886P 20000628 (60)

US 2000-217487P 20000711 (60)

US 2000-225758P 20000814 (60)

US 2000-220963P 20000726 (60)

US 2000-217496P 20000711 (60)

US 2000-225447P 20000814 (60)

US 2000-218290P 20000714 (60)

US 2000-225757P 20000814 (60)

US 2000-226868P 20000822 (60)

US 2000-216647P 20000707 (60)

US 2000-225267P 20000814 (60)

US 2000-216880P 20000707 (60)

US 2000-225270P 20000814 (60)

US 2000-251869P 20001208 (60)

US 2000-235834P 20000927 (60)

US 2000-234274P 20000921 (60)

US 2000-234223P 20000921 (60)

US 2000-228924P 20000830 (60)

US 2000-224518P 20000814 (60)

US 2000-236369P 20000929 (60)

US 2000-224519P 20000814 (60)

US 2000-220964P 20000726 (60)

US 2000-241809P 20001020 (60)

US 2000-249299P 20001117 (60)

US 2000-236327P 20000929 (60)

US 2000-241785P 20001020 (60)

US 2000-244617P 20001101 (60)

US 2000-225268P 20000814 (60)

US 2000-236368P 20000929 (60)

US 2000-251856P 20001208 (60)

US 2000-251868P 20001208 (60)

US 2000-229344P 20000901 (60)

US 2000-234997P 20000925 (60)

US 2000-229343P 20000901 (60)

US 2000-229345P 20000901 (60)

US 2000-229287P 20000901 (60)

US 2000-229513P 20000905 (60)

US 2000-231413P 20000908 (60)

US 2000-229509P 20000905 (60)

US 2000-236367P 20000929 (60)

US 2000-237039P 20001002 (60)

US 2000-237038P 20001002 (60)

US 2000-236370P 20000929 (60)

US 2000-236802P 20001002 (60)

US 2000-237037P 20001002 (60)
US 2000-237040P 20001002 (60)
US 2000-240960P 20001020 (60)
US 2000-239935P 20001013 (60)
DT Utility
FS APPLICATION
LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 21647

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel respiratory system related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "respiratory system antigens," and the use of such respiratory system antigens for detecting disorders of the respiratory system, particularly the presence of cancer of respiratory system tissues and cancer metastases. More specifically, isolated respiratory system associated **nucleic** acid molecules are provided encoding novel respiratory system associated polypeptides. Novel respiratory system polypeptides and **antibodies** that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human respiratory system associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the respiratory system, including cancer of respiratory system tissues, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or **compositions** for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 6 OF 9 USPATFULL
AN 2002:171866 USPATFULL
TI **Nucleic acids, proteins, and antibodies**
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PI US 2002090615 A1 20020711
AI US 2001-764878 A1 20010117 (9)
PRAI US 2000-179065P 20000131 (60)
US 2000-180628P 20000204 (60)
US 2000-214886P 20000628 (60)
US 2000-217487P 20000711 (60)
US 2000-225758P 20000814 (60)
US 2000-220963P 20000726 (60)
US 2000-217496P 20000711 (60)
US 2000-225447P 20000814 (60)
US 2000-218290P 20000714 (60)
US 2000-225757P 20000814 (60)
US 2000-226868P 20000822 (60)
US 2000-216647P 20000707 (60)
US 2000-225267P 20000814 (60)
US 2000-216880P 20000707 (60)
US 2000-225270P 20000814 (60)
US 2000-251869P 20001208 (60)
US 2000-235834P 20000927 (60)
US 2000-234274P 20000921 (60)
US 2000-234223P 20000921 (60)
US 2000-228924P 20000830 (60)

US 2000-224518P	20000814 (60)
US 2000-236369P	20000929 (60)
US 2000-224519P	20000814 (60)
US 2000-220964P	20000726 (60)
US 2000-241809P	20001020 (60)
US 2000-249299P	20001117 (60)
US 2000-236327P	20000929 (60)
US 2000-241785P	20001020 (60)
US 2000-244617P	20001101 (60)
US 2000-225268P	20000814 (60)
US 2000-236368P	20000929 (60)
US 2000-251856P	20001208 (60)
US 2000-251868P	20001208 (60)
US 2000-229344P	20000901 (60)
US 2000-234997P	20000925 (60)
US 2000-229343P	20000901 (60)
US 2000-229345P	20000901 (60)
US 2000-229287P	20000901 (60)
US 2000-229513P	20000905 (60)
US 2000-231413P	20000908 (60)
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US 2000-237038P	20001002 (60)
US 2000-236370P	20000929 (60)
US 2000-236802P	20001002 (60)
US 2000-237037P	20001002 (60)
US 2000-237040P	20001002 (60)
US 2000-240960P	20001020 (60)
US 2000-239935P	20001013 (60)

DT Utility

FS APPLICATION

LREP HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 19407

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel lung related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "lung antigens," and the use of such lung antigens for detecting disorders of the lung, particularly the presence of lung cancer and lung cancer metastases. More specifically, isolated lung associated **nucleic acid** molecules are provided encoding novel lung associated polypeptides. Novel lung polypeptides and **antibodies** that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human lung associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the lung, including lung cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or **compositions** for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 7 OF 9 USPATFULL

AN 2002:112334 USPATFULL

TI **Derivatized carbohydrates, compositions**
comprised thereof and methods of use thereof

IN Blair, Julian A., St. Ives, UNITED KINGDOM

PI US 2002058067 A1 20020516
AI US 2001-4481 A1 20011101 (10)
RLI Continuation of Ser. No. US 1998-218845, filed on 22 Dec 1998, PENDING
PRAI US 1997-68754P 19971223 (60)
DT Utility
FS APPLICATION
LREP Madeline I. Johnston, Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA, 94304
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 1065

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Derivatized carbohydrates** are provided which can be used to form a variety of materials including solid delivery systems. The **derivatized carbohydrates** are generally **carbohydrates**, wherein at least a portion of the hydroxyl groups on the **carbohydrate** are substituted with a branched hydrophobic chain, such as a hydrocarbon chain, via, for example, an ether or ester linkage. The solid delivery systems can be used for delivery and release of a variety of substances, and are, for example, in the form of **tablets** for oral administration, or in the form of **powders**, microspheres or implants for intravenous, intradermal, transdermal, pulmonary or other route of administration. The **derivatized carbohydrates** can be processed to form a **solid matrix** having a substance, such as a therapeutic agent, incorporated therein. In one embodiment, the **solid matrix** is provided in a solid dose form which is capable of releasing a therapeutic substance in situ at various controlled rates.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 8 OF 9 USPATFULL
AN 2002:45371 USPATFULL
TI **Derivatized carbohydrates, compositions**
comprised thereof and methods of use thereof
IN Blair, Julian A., St. Ives, UNITED KINGDOM
PA Quadrant Holdings Cambridge Limited, Nottingham, UNITED KINGDOM
(non-U.S. corporation)
PI US 6352722 B1 20020305
AI US 1998-218845 19981222 (9)
PRAI US 1997-68754P 19971223 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Hartley, Michael G.
LREP Morrison & Foerster LLP
CLMN Number of Claims: 6
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 946

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Derivatized carbohydrates** are provided which can be used to form a variety of materials including solid delivery systems. The **derivatized carbohydrates** are generally **carbohydrates**, wherein at least a portion of the hydroxyl groups on the **carbohydrate** are substituted with a branched hydrophobic chain, such as a hydrocarbon chain, via, for example, an ether or ester linkage. The solid delivery systems can be used for delivery and release of a variety of substances, and are, for example, in the form of **tablets** for oral administration, or in the form of **powders**, microspheres or implants for intravenous, intradermal, transdermal, pulmonary or other route of administration. The **derivatized carbohydrates** can be processed to

form a **solid matrix** having a substance, such as a therapeutic agent, incorporated therein. In one embodiment, the **solid matrix** is provided in a solid dose form which is capable of releasing a therapeutic substance in situ at various controlled rates.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 9 OF 9 USPATFULL
AN 2001:25456 USPATFULL
TI Hydrophilic pressure sensitive hot-melt adhesives
IN Hoffmann, Hans-Rainer, Neuwied, Germany, Federal Republic of
PA LTS Lohmann Therapie-Systeme GmbH, Neuwied, Germany, Federal Republic of
(non-U.S. corporation)
PI US 6190689 B1 20010220
WO 9531188 19951123
AI US 1996-737224 19961113 (8)
WO 1995-EP1724 19950508
19961113 PCT 371 date
19961113 PCT 102(e) date
PRAI DE 1994-4416927 19940513
DT Utility
FS Granted
EXNAM Primary Examiner: Kishore, Gollamudi S.; Assistant Examiner:
Channavajjala, Lakshmi
LREP Wenderoth, Lind & Ponack, L.L.P.
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN 15 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1077

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A device for the release of substances from pressure sensitive hot-melt adhesives with a uniform or non-uniform distribution of said substances is characterized by the fact that the pressure sensitive hot-melt adhesive is hydrophilic and comprises at least one water-soluble, or at least water-swellable, polymer, at least one water-soluble, meltable adhesive resin, as well as substance to be released.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> dis hist

(FILE 'HOME' ENTERED AT 16:52:09 ON 30 MAY 2003)

FILE 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT2, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 16:52:26 ON 30 MAY 2003

L1 6765635 S COMPOSITION
L2 744590 S L1 AND (CARBOHYDRATE OR SACCHARIDE OR SUGAR OR DERIVAT?)
L3 95469 S L2 AND (ACTIVE(W)SUBSTANCE OR ACTIVE(W)CHEMICAL OR ACTIVE(W)
L4 27106 S L3 AND (SOLID(W)MATRIX OR GLASS)
L5 20019 S L4 AND (ENZYME OR HORMONE OR FACTOR OR ANTIBOD? OR INTERFER
L6 15517 S L5 AND (LIPID OR PROTEIN OR PEPTIDE OR NUCLEIC)
L7 14946 S L6 AND (LOZENGE OR TABLET OR SPHERE OR FIBER OR NEEDLE OR P
L8 11563 S L7 AND (TREHALOSE OR LACTOSE OR SUCROSE OR CELLOBIOSE)
L9 747 S L8 AND (PIVALATE OR DIMETHYLBUTYRATE OR ISOBUTYRATE)
L10 553 S L9 AND (MELT OR QUENCH?)
L11 9 S L10 AND (RELEAS?(W)CHEMICAL OR RELEAS?(W)SUBSTANCE OR RELEAS